

Figure 1.

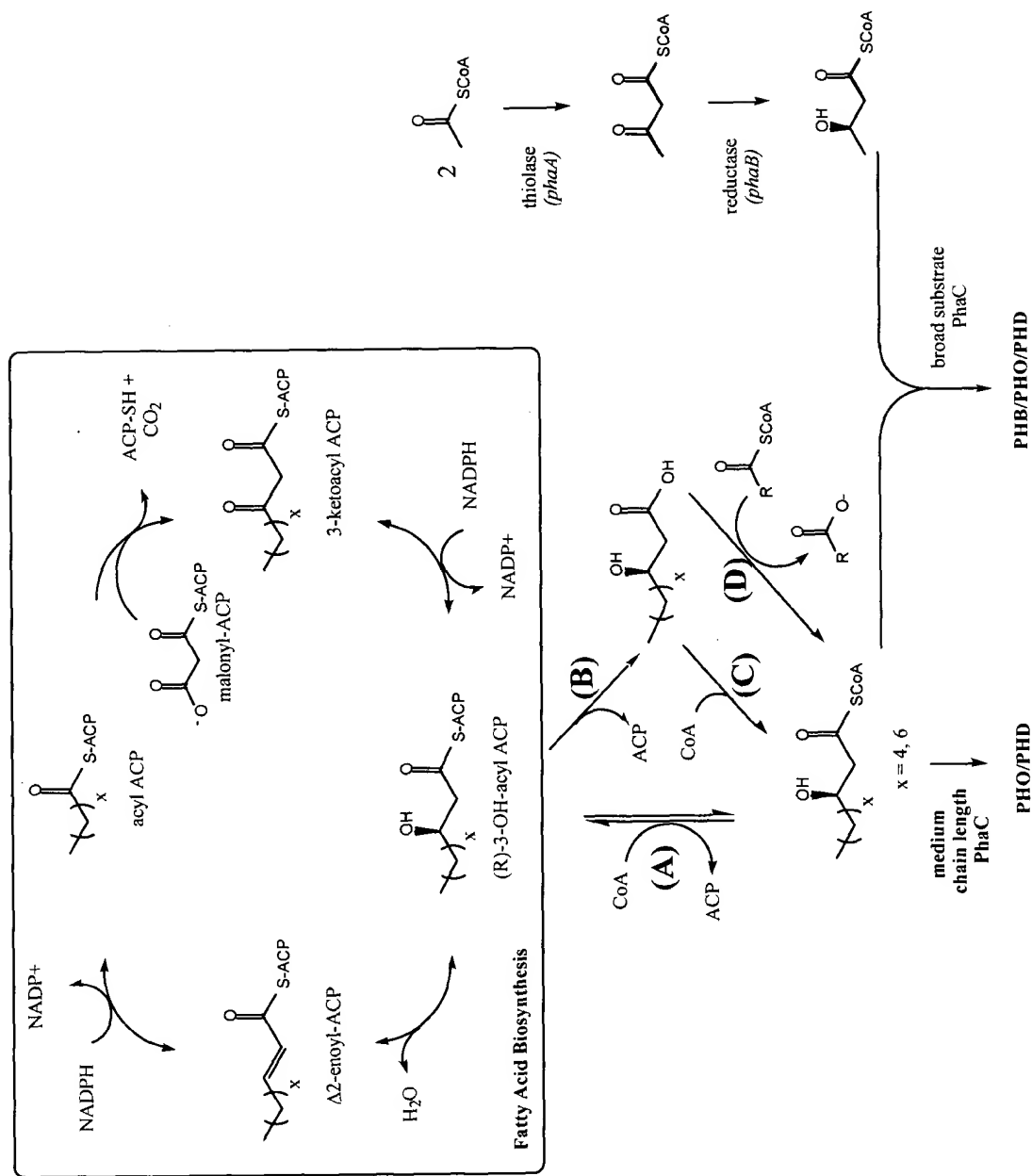
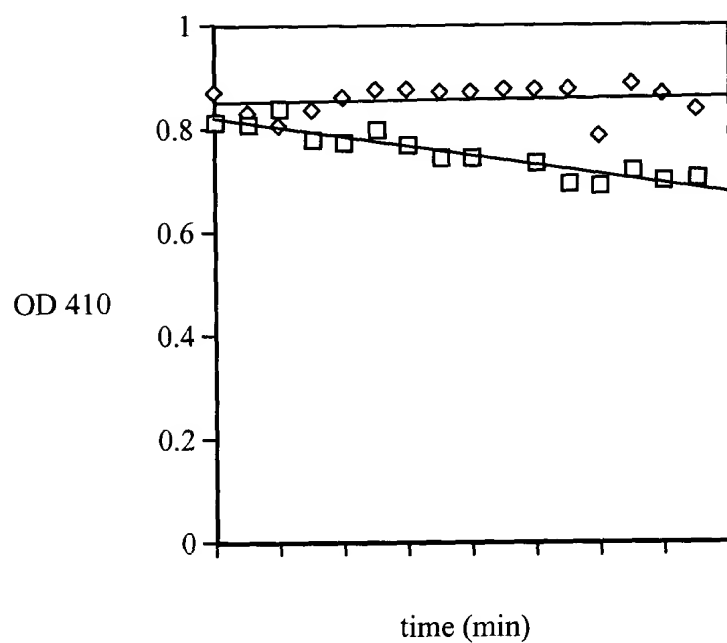


Figure 2.

Consumption of CoA in
DH5 α /pTRCNAlkK and DH5 α /pTRCN in
the Presence of Octanoic Acid

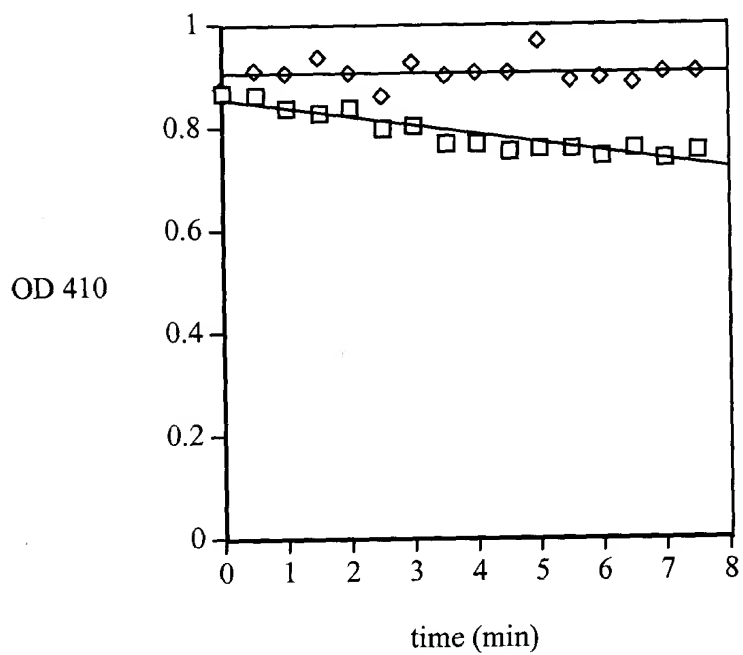


□ DH5 α /pTRCNAlkK $y = -0.018x + 0.819$

◇ DH5 α /pTRCN $y = 0.001x + 0.847$

Figure 3.

Consumption of CoA in
DH5 α /pTRCNAlkK and DH5 α /pTRCN in
the Presence of 3-Hydroxyoctanoic acid



□ DH5 α /pTRCNAlkK $y = -0.017x + 0.858$

◇ DH5 α /pTRCN $y = 0.000x + 0.905$

Figure 4A

pCambia-Rbc.PhaG.PhaC

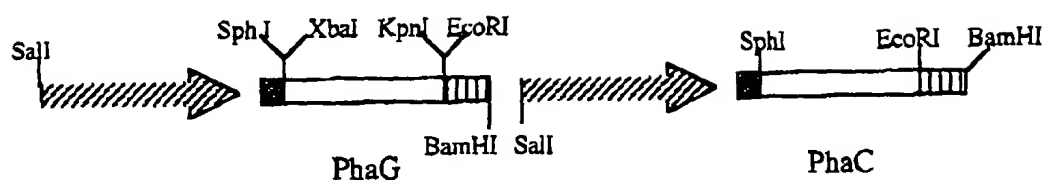
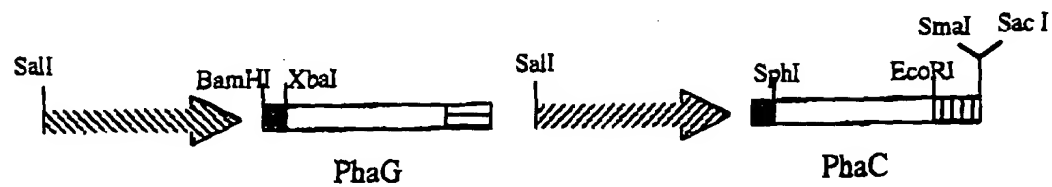








Figure 4B

pBI-C4PPDK.PhaG.Rbc.PhaC



-  rubisco promoter
-  C4PPDK promoter
-  Alfalfa targeting signal
-  Pea targeting signal
-  rubisco terminator
-  NOS terminator

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Figure 5A. Chloroplast PHA Production

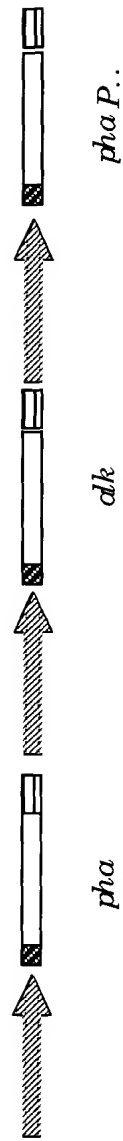


Figure 5B. Cytosolic PHA Production

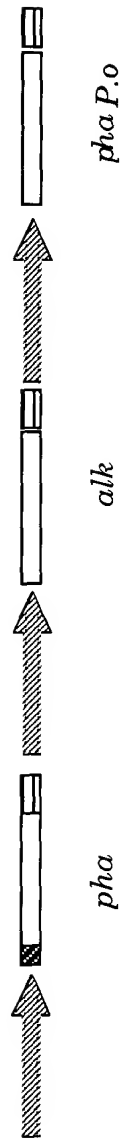
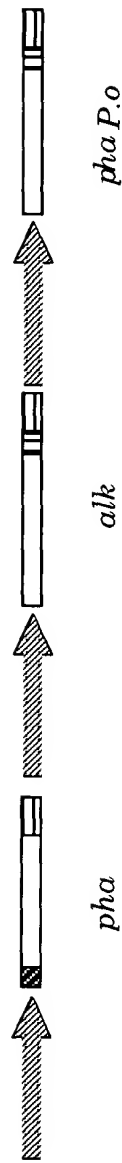



Figure 5C. Peroxisomal Production



-  Leaf-specific
-  Chloroplast
-  Peroxiso targeting
-  Polyadenyla

